

L Number	Hits	Search Text	DB	Time stamp
1	0	("2002110808").PN.	USPAT; US-PGPUB; EPO	2004/08/27 10:06
2	0	("2002110808").PN.	USPAT; US-PGPUB; EPO	2004/08/27 10:06
3	1	("20020110808").PN.	USPAT; US-PGPUB; EPO	2004/08/27 10:28
4	0	DNaseI same cofilin same immobiliz\$4 same (dissociat\$3 or associat\$3)	USPAT; US-PGPUB; EPO; DERWENT	2004/08/27 10:30
5	0	DNaseI same cofilin same immobiliz\$4	USPAT; US-PGPUB; EPO; DERWENT	2004/08/27 10:30
6	0	DNaseI same cofilin	USPAT; US-PGPUB; EPO; DERWENT	2004/08/27 10:30
7	1	DNaseI same cofilin same (dissociat\$3 or associat\$3)	USPAT; US-PGPUB; EPO; DERWENT	2004/08/27 10:30
8	1	DNaseI same cofilin same immobiliz\$4	USPAT; US-PGPUB; EPO; DERWENT	2004/08/27 10:31

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LOGINID:ssspta1641cxc

PASSWORD:tuesep31

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SESSION RESUMED IN FILE 'AGRICOLA, BIOTECHNO, CONFSCI, HEALSAFE, IMSDRUGCONF,
LIFESCI, MEDICONF, PASCAL' AT 10:01:20 ON 27 AUG 2004
FILE 'AGRICOLA' ENTERED AT 10:01:20 ON 27 AUG 2004
FILE 'BIOTECHNO' ENTERED AT 10:01:20 ON 27 AUG 2004
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'D' IS NOT A VALID FORMAT FOR FILE 'CONFSCI'

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CBIB --- CBIB
IALL --- AN, DN, TI, AU, CS, SO, DT, FS, LA, CC, CT
IBIB --- AN, DN, TI, AU, CS, SO, DT, FS, LA
IND ---- CC, CT
SAM ---- TI, CC, CT
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KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms

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ENTER DISPLAY FORMAT (BIB):all

L53 ANSWER 1 OF 1 CONFSCI COPYRIGHT 2004 CSA on STN
AN 90:54221 CONFSCI
DN 91024654
TI Effect of radiation dose on patients' immune response
AU Remedios, C.; Rafla, S.; Yang, S.; Guthrie, M.; Sattar, A.
SO RSNA, Scientific Meetings, 2021 Spring Road, Suite 600, Oak Brook, IL
60521, USA, Paper No. 494.
Meeting Info.: 904 0340: 76th Scientific Assembly and Annual Meeting of
the Radiological Society of North America (9040340). Chicago, IL (USA).
25-30 Nov 1990. Radiological Society of North America; American
Association of Physicists in Medicine.
DT Conference
FS DCCP
LA UNAVAILABLE
CC 3500 CLINICAL MEDICINE; 4500 EXPERIMENTAL MEDICINE; 8000 PHYSICS AND
ASTRONOMY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.85	52.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.40

=> file .jacob

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.85	52.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.40

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=> remedios c/au

L54 0 FILE CAPLUS
L55 1 FILE BIOSIS
L56 0 FILE MEDLINE
L57 0 FILE EMBASE
L58 0 FILE USPATFULL

TOTAL FOR ALL FILES

L59 1 REMEDIOS C/AU

=> keki m/au

L60 8 FILE CAPLUS
L61 9 FILE BIOSIS
L62 11 FILE MEDLINE
L63 11 FILE EMBASE
L64 0 FILE USPATFULL

TOTAL FOR ALL FILES

L65 39 KEKIC M/AU

=> l65 and toxicant

L66 0 FILE CAPLUS
L67 1 FILE BIOSIS
L68 0 FILE MEDLINE
L69 0 FILE EMBASE
L70 0 FILE USPATFULL

TOTAL FOR ALL FILES

L71 1 L65 AND TOXICANT

=> d l71 ibib abs total

L71 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2004:135501 BIOSIS

DOCUMENT NUMBER: PREV200400137451

TITLE: Biosensors for aqueous **toxicants**: A novel
DNA-based system compared with *C. dubia* and
submitochondrial particle (SMP) assays.

AUTHOR(S): Martinez, R. [Reprint Author]; Finger, S. [Reprint Author];
Oakes, D. [Reprint Author]; Julli, M.; **Kekic, M.**
[Reprint Author]; Cooke, R.; dos Remedios, C. [Reprint
Author]

CORPORATE SOURCE: Institute for Biomedical Research, University of Sydney,
Sydney, NSW, Australia

SOURCE: Biophysical Journal, (January 2004) Vol. 86, No. 1, pp.
596a. print.

Meeting Info.: 48th Annual Meeting of the Biophysical
Society. Baltimore, MD, USA. February 14-18, 2004.
Biophysical Society.

ISSN: 0006-3495 (ISSN print).

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LANGUAGE: English

ENTRY DATE: Entered STN: 10 Mar 2004

Last Updated on STN: 10 Mar 2004

AB Water pollution is emerging as a major global problem as the world's fresh water supplies become progressively contaminated. Mercury is a one of the major **toxicants** present in waste water but other heavy metal ions as well as herbicides and insecticides contribute to the problem. Current methods for detecting these **toxicants** are complex (usually laboratory based), slow and expensive. Here we report a relatively inexpensive, portable and quick method for detecting heavy metal ions and other **toxicants** using a fluorescent probe bound to DNA. Concentrations of **toxicants** at or above the maximum levels permitted by EPA authorities dissociate the DNA from its ligand which is observed as a loss of fluorescence from the sample. We compare this method with two established methods based on a submitochondrial particle assay and with a bioassay using a freshwater organism (*C dubia*). Given the diversity of the three assays, they exhibit remarkably comparable results.

=> toxicant(P) (dissociation or association or binding) (P) (reduce or reduction or prevent or inhibition or inhibit)

L72 84 FILE CAPLUS
 L73 73 FILE BIOSIS
 L74 74 FILE MEDLINE
 L75 76 FILE EMBASE
 L76 6 FILE USPATFULL

TOTAL FOR ALL FILES

L77 313 TOXICANT(P) (DISSOCIATION OR ASSOCIATION OR BINDING) (P) (REDUCE OR REDUCTION OR PREVENT OR INHIBITION OR INHIBIT)

=> l77 and (immobilized or immobilization or immobilizing)

L78 0 FILE CAPLUS
 L79 0 FILE BIOSIS
 L80 0 FILE MEDLINE
 L81 0 FILE EMBASE
 L82 2 FILE USPATFULL

TOTAL FOR ALL FILES

L83 2 L77 AND (IMMOBILIZED OR IMMOBILIZATION OR IMMOBILIZING)

=> d l83 ibib abs total

L83 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:206116 USPATFULL
 TITLE: Toxicant-induced differential gene expression
 INVENTOR(S): Reidhaar-Olson, John F., Montclair, NJ, UNITED STATES

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 2002110808	A1	20020815
APPLICATION INFO.:	US 2000-489220	A1	20000121 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	VICKI G. NORTON, ESQ., BROBECK, PHLEGER AND HARRISON LLP, 12390 EL COMINO REAL, SAN DIEGO, CA, 92130		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	5161		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention identifies nucleic acids that are differentially expressed in cells exposed to various toxicants, including a common group whose expression is modulated by toxicants that act by differing mechanisms. The nucleic acids so identified and their corresponding protein products have utility as markers for specific and general cytotoxic responses. Utilizing the identified nucleic acids, the invention further provides screening methods to identify and characterize toxicants, screens for identifying antidotes to particular toxicants and diagnostic methods for detecting toxic responses. The identified nucleic acids and their corresponding gene products also serve as targets for various therapeutics designed to alleviate toxic responses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L83 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:32176 USPATFULL
 TITLE: Biomolecular toxicity assay
 INVENTOR(S): Remedios, Cristobal Guillermo dos, Paddington, AUSTRALIA
 Kekic, Murat, Stanmore, AUSTRALIA
 Cooke, Arthur Roger, San Francisco, CA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2002018997 A1 20020214
APPLICATION INFO.: US 2001-778259 A1 20010207 (9)

NUMBER DATE

PRIORITY INFORMATION: US 2000-180826P 20000207 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Scully, Scott, Murphy & Presser, 400 Garden City Plaza,
Garden City, NY, 11530
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 746

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates generally to an assay for the detection of toxicants. More particularly, the present invention contemplates an assay of toxicants such as those of the type comprising heavy metal, heavy metal divalent cations and organic molecules as well as organo-halides. Such toxicants are frequently present as contaminants in aquatic and terrestrial environments. The present invention further provides an assay device for detecting toxicants. The present invention is predicated in part on the sensitivity of binding partner affinity to the toxicants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> file .chemistry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	45.36	97.58
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.40

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=> toxicant and (dissociate or dissociation or associate or association) and (inhibit or inhibition or reduce or reduction or prevent or prevention) and (immobilized or immobilization or immobilize)

L84 0 FILE CAPLUS
 L85 0 FILE BIOTECHNO
 L86 0 FILE COMPENDEX
 L87 0 FILE ANABSTR
 L88 0 FILE CERAB
 L89 0 FILE METADEX
 L90 293 FILE USPATFULL

TOTAL FOR ALL FILES

L91 293 TOXICANT AND (DISSOCIATE OR DISSOCIATION OR ASSOCIATE OR ASSOCIATION) AND (INHIBIT OR INHIBITION OR REDUCE OR REDUCTION OR PREVENT OR PREVENTION) AND (IMMOBILIZED OR IMMOBILIZATION OR IMMOBILIZE)

=> file .meeting

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.87	130.45

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.40

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=> toxicant and (dissociate or dissociation or associate or association) and (inhibit or inhibition or reduce or reduction or prevent or prevention) and (immobilize or immobilization or immobilizing)

L92 0 FILE AGRICOLA
 L93 0 FILE BIOTECHNO
 L94 0 FILE CONFSCI
 L95 0 FILE HEALSAFE

L96 0 FILE IMSDRUGCONF
L97 0 FILE LIFESCI
L98 0 FILE MEDICONF
L99 0 FILE PASCAL

TOTAL FOR ALL FILES

L100 0 TOXICANT AND (DISSOCIATE OR DISSOCIATION OR ASSOCIATE OR ASSOCIATION) AND (INHIBIT OR INHIBITION OR REDUCE OR REDUCTION OR PREVENT OR PREVENTION) AND (IMMOBILIZE OR IMMOBILIZATION OR IMMOBILIZING)

=> toxicant and associate and immobilized

L101 0 FILE AGRICOLA
L102 0 FILE BIOTECHNO
L103 0 FILE CONFSCI
L104 0 FILE HEALSAFE
L105 0 FILE IMSDRUGCONF
L106 0 FILE LIFESCI
L107 0 FILE MEDICONF
L108 0 FILE PASCAL

TOTAL FOR ALL FILES

L109 0 TOXICANT AND ASSOCIATE AND IMMOBILIZED

=> toxicant and associate and immobilized

L110 0 FILE AGRICOLA
L111 0 FILE BIOTECHNO
L112 0 FILE CONFSCI
L113 0 FILE HEALSAFE
L114 0 FILE IMSDRUGCONF
L115 0 FILE LIFESCI
L116 0 FILE MEDICONF
L117 0 FILE PASCAL

TOTAL FOR ALL FILES

L118 0 TOXICANT AND ASSOCIATE AND IMMOBILIZED